

Message Text

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13
ACTION OES-06

INFO OCT-01 NEA-10 ISO-00 COME-00 NSF-01 ERDA-05 INT-05

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R 301258Z SEP 76
FM AMEMBASSY NEW DELHI
TO SECSTATE WASHDC 8715

LIMITED OFFICIAL USE SECTION 1 OF 2 NEW DELHI 14425

E.O. 11652: N/A
TAGS: USINJC, OSCI, IN, US
SUBJECT: REVIEW OF ACTIVITIES OF THE INDO-US SCIENCE AND
TECHNOLOGY SUBCOMMISSION

REF: (A) GANLEY'S LETTER TO SCHNEIDER, (B) STATE A-3114

1. MOST POINTS IN REFERENCE (A) AND (B) HAVE BEEN COVERED WITH DR. B. D. NAG CHAUDHURI, INDIAN CO-CHAIRMAN OF THE INDO-US SUBCOMMISSION ON SCIENCE AND TECHNOLOGY, DR. A. RAMACHANDRAN, SECRETARY, DEPARTMENT OF SCIENCE AND TECHNOLOGY AND DR. DESHPANDE, DURING PERIODIC DISCUSSIONS WITH EMB SCIENCE OFFICERS OR THROUGH CORRESPONDENCE WITH DOST BY U.S. AGENCIES AND THE EMBASSY SCIENCE OFFICE.

2. WE FEEL, HOWEVER, THAT IT IS APPROPRIATE TO FORMALLY ADVISE NAG CHAUDHURI OF THE ACTIONS TAKEN BY THE U.S. SIDE IN IMPLEMENTING THE SUBCOMMISSION RECOMMENDATIONS. THIS, WE FEEL, COULD BE DONE BY A LETTER FROM AMBASSADOR IRVING TO DR. NAG CHAUDHURI.

3. A SUGGESTED DRAFT LETTER FOLLOWS:

"DEAR DR. NAG CHAUDHURI: IT SEEMS TO BE AN APPROPRIATE TIME TO REVIEW THE ACTION ITEMS DISCUSSED IN YOUR LETTER
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TO ME OF 6 MAY 1976 TO DETERMINE THE PROGRESS IN THE

PRIORITY AREAS DELINEATED BY THE INDO-U.S. SUBCOMMISSION
ON SCIENCE AND TECHNOLOGY AT THE JANUARY 1976 MEETING.

ENERGY AND NATURAL RESOURCES

A WORKSHOP ON SOLAR AND WIND ENERGY WAS HELD IN NEW DELHI IN EARLY AUGUST AND OUTLINES OF POSSIBLE JOINT PROJECTS IN THESE AREAS WERE FORMULATED. THE U.S., NATIONAL SCIENCE FOUNDATION AND ENERGY RESEARCH DEVELOPMENT ADMINISTRATION ARE PRESENTLY REVIEWING THE MATERIAL TO DETERMINE U.S. INTEREST, AGENCY SPONSORS, COLLABORATING INSTITUTIONS, AND U.S. PRINCIPAL INVESTIGATORS. WHEN THIS IS COMPLETED FORMAL PROPOSALS CAN BE PREPARED BY INDO/U.S. TEAMS.

AN INDO/US MEETING ON COAL ENERGY IS SCHEDULED FOR EARLY NOVEMBER IN WASHINGTON.

THE NATIONAL BUREAU OF STANDARDS WOULD LIKE TO EXPLORE WITH AN INDIAN EXPERT, OR A SMALL TEAM, THE POTENTIAL MUTUAL BENEFITS FROM A COLLABORATIVE PROGRAM IN FLAT CONDUCTOR CABLE ELECTRICAL SYSTEMS FOR BUILDINGS. (THIS WAS THE SUBJECT MATTER OF A FEBRUARY 25 LETTER FROM NATIONAL BUREAU OF STANDARDS TO THE GOI MINISTRY OF ENERGY, A COPY OF WHICH WAS ENDORSED TO YOU WITH DR. VREBALOVICH'S LETTER OF JUNE 9.)

INFORMATION SCIENCES

AN INDIAN TEAM IS VISITING THE UNITED STATES, OCTOBER 2-20, PRIMARILY TO ATTEND AN NSF SPONSORED BINATIONAL CONFERENCE ON INFORMATION RESOURCES, OCTOBER 13-15, IN WASHINGTON.

NSF HAS PROPOSED A SECOND BINATIONAL SEMINAR ON INFORMATION MANPOWER DEVELOPMENT TO BE HELD IN INDIAN IN 1977. PRELIMINARY TOPICS IDENTIFIED ARE - (I) TRAINING OF STUDENTS IN INFORMATION SCIENCE (II) USER EDUCATION AND (III) FACULTY EDUCATION IN INFORMATION SCIENCE.

ELECTRONICS, MATERIALS AND METEOROLOGY
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AS AGREED AT THE SUBCOMMISSION MEETING IN JANUARY OF THIS YEAR, NATIONAL BUREAU OF STANDARDS HAS FORWARDED DETAILED INFORMATION TO THE INDIAN ELECTRONICS COMMISSION CONCERNING THE RANGE AND CHARACTER OF WORK CURRENTLY UNDERWAY AT THE MBS ON ELECTRONIC MATERIAL CHARACTERIZATION. HOWEVER, THERE HAS NOT BEEN ANY FOLLOW-UP ON THIS PROPOSAL. THE PROPOSAL ON RELIABILITY EVALUATION AND LIFE TESTING OF

COMPONENTS ALSO NEEDS TO BE FOLLOWED UP BY BOTH SIDES.
WE THEREFORE WELCOME YOUR SUGGESTION TO SEND A SCIENTIST
TO THE U.S. TO FINALIZE PROJECT PROPOSALS IN ELECTRONICS.
AT A LATER DATE YOU MAY ALSO WISH TO CONSIDER EXCHANGE OF
A SMALL TEAM OF EXPERTS REPRESENTING MATERIALS AND METR-
OLOGY TO IDENTIFY POSSIBLE COOPERATIVE PROJECTS.

ENVIRONMENT

DR. DONALD OAKLEY, ENVIRONMENTAL PROTECTION AGENCY,
CORRESPONDED WITH DR. ASHOKA KHOSLA OF DOST BEFORE HIS DEPARTURE
FROM DOST TO INITIATE STEPS TO IMPLEMENT THE SUBCOMMISSION
RECOMMENDATIONS ON ENVIRONMENTAL PROGRAMS. UNFORTUNATELY, SINCE
DR. KHOSLA LEFT NO ACTION HAS BEEN TAKEN. EPA IS STILL PREPARED TO
MOVE AHEAD IN COORDINATING THE ORGANIZATION OF A SEMINAR ON EF-
FLUENT TREATMENT. THEY ARE ALSO INTERESTED IN KNOWING THE STATUS
OF SEVERAL PENDING SPECIAL FOREIGN CURRENTY PROJECTS (US OWNED RUPEE
SUPPORTED) AT CHANDIGARH AND THOSE ON INSTRUMENTATION, AIR POLLU-
TION AND SOLID WASTES AT NATIONAL ENVIRONMENTAL ENGINEERING
RESEARCH INSTITUTE, NAGPUR. THIS WAS THE SUBJECT MATTER OF OAKLEY'S
MAY 25 LETTER TO DR. DESHPANDE, A COPY OF WHICH TOGETHER WITH AN
EPA CABLE ON THE SAME SUBJECT WAS SENT TO YOU WITH DR. VREBALOVICH'S
LETTER OF JUNE 9.

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ACTION OES-06

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R 301258Z SEP 76

FM AMEMBASSY NEW DELHI

TO SECSTATE WASHDC 8716

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AGRICULTURE

THE UNITED STATES DEPARTMENT OF AGRICULTURE REPRESENTATIVES FELT THAT A NUMBER OF THE COLLABORATIVE PROJECTS IN PRIORITY AREAS OF AGRICULTURE, AS IDENTIFIED BY THE SUBCOMMISSION IN JANUARY, WOULD BE INITIATED UNDER SPECIAL FOREIGN CURRENCY SPONSORSHIP. THE USDA IS PREPARED TO CONTINUE CONSIDERATION OF RESEARCH PROPOSALS BOTH FUNDED UNDER THE SPECIAL FOREIGN CURRENCY PROGRAM AND CLASSIFIED AS PRIORITY ITEMS BY THE INDO/U.S. SUBCOMMISSION ON SCIENCE AND TECHNOLOGY. IN ORDER TO EXPLORE MORE SPECIFIC AREAS OF COOPERATION THE USDA IS PREPARED TO SEND A TEAM TO INDIA IN ACCORDANCE WITH THE SUGGESTION IN YOUR LETTER TO ME OF MAY 6, 1976, IF YOU STILL FEEL THIS WILL BE BENEFICIAL TO THE DEVELOPMENT OF JOINT RESEARCH. (NOTE: THIS ASSUMES THAT U.S.D.A. DECIDES TO SEND SUCH A TEAM.)

HEALTH

YOU HAD MENTIONED IN YOUR LETTER OF MAY 6, 1976, THAT RELEVANT GOI CLEARANCES WERE BEING OBTAINED ON SFC PROJECTS IN THE FIELDS OF HEALTH, NUTRITION AND COMMUNICABLE DISEASES, WHICH ARE OF MUTUAL INTERESTS AS IDENTIFIED BY THE SUBCOMMISSION. WE UNDERSTAND THERE ARE A SUBSTANTIAL NUMBER OF COLLABORATIVE HEALTH PROJECTS WHICH HAVE BEEN CLEARED BY BOTH SIDES NOW AWAITING A FINAL DECISION BY THE HIGH LEVEL CABINET COMMITTEE. WE ARE LOOKING LIMITED OFFICIAL USE

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FORWARD TO THE CLEARANCE OF THESE PROJECTS IN ORDER TO MOVE AHEAD WITH NEW PROPOSALS IN THE HEALTH FIELD. MANY NEW PRIORITY AREAS HAVE BEEN IDENTIFIED BY BOTH SIDES DURING THE PAST SEVERAL MONTHS SUCH AS MALARIA IMMUNOLOGY, LEPROSY RESEARCH, NUTRITION, DELIVERY OF HEALTH SERVICES, DRUG ABUSE, ETC. AND COULD BE INITIATED IN A SHORT TIME.

INDIAN NATIONAL SCIENCE ACADEMY - NATIONAL ACADEMY OF SCIENCES

THE NATIONAL ACADEMY OF SCIENCES IS AWAITING THE DRAFT MEMORANDUM OF UNDERSTANDING BETWEEN THE TWO ACADEMIES YOU REFERRED TO IN YOUR LETTER OF MAY 6, 1976. MODALITIES OF FUNDING JOINT ENDEAVORS THAT HAVE BEEN IDENTIFIED BY THE TWO ACADEMIES, WILL BE DISCUSSED AT THE NEXT SUBCOMMISSION MEETING, IF NOT EARLIER.

IT IS CLEAR THAT THERE HAS BEEN MUCH PROGRESS AND I AM PLEASED WITH THE RESPONSIVENESS OF MOST UNITED STATES AND INDIAN AGENCIES. HOWEVER, ALTHOUGH MORE THAN A YEAR HAS GONE BY WE HAVE NOT HAD ANY NEW JOINT RESEARCH PROJECTS APPROVED THROUGH THE GOVERNMENT OF INDIA. YOUR INTEREST AND ENCOURAGEMENT WILL CERTAINLY ENSURE PROGRESS TOWARD A SUCCESSFUL INDO-U.S. COLLABORATIVE RESEARCH PROGRAM. OUR AGENCIES AND MY OFFICE IN PARTICULAR WILL DO EVERYTHING NECESSARY TO MAKE THIS A FRUITFUL VENTURE.

AS MATTERS NOW STAND I LOOK FORWARD TO MEETING YOU AT THE NEXT SUBCOMMISSION MEETING TO BE HELD IN WASHINGTON EARLY NEXT YEAR. BY THAT TIME LET US HOPE THAT SUFFICIENT PROGRESS WILL HAVE TAKEN PLACE IN ALL FIELDS TO MAKE THE MEETING SUCCESSFUL.
SINCERELY, AMBASSADOR FREDERICK IRVING."

4. COMMENT:

IN VIEW OF INDIAN COMPLAINTS IN WASHINGTON REGARDING PROGRESS IN THE OTHER TWO SUBCOMMISSIONS WE BELIEVE IT BEST THAT WE NOT LEAVE THE NAG CHAUDHURI LETTER WITHOUT A DETAILED SUBSTANTIVE RESPONSE. WE BELIEVE IT BEST TO SET FORTH FOR THE RECORD US WILLINGNESS TO PROCEED IN A NUMBER OF FIELDS AS EVIDENCE OF OUR DESIRE TO MAKE THE SUBCOMMISSION FUNCTION EFFECTIVELY.
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